

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3239.1030-004	APPLICATION NO. 10/797,466	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION APR 26 2004 April 2, 2004 (Use separate sheets if necessary)		FIRST NAMED INVENTOR Raanan A. Miller		FILING DATE March 10, 2004
		EXAMINER Not Yet Assigned	CONFIRMATION NO.	GROUP

U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
<input checked="" type="checkbox"/>	AA	6,495,823 B1	12-17-2002	Miller <i>et al.</i>
<input type="checkbox"/>	AB	5,479,815	01-02-1996	White <i>et al.</i>
<input type="checkbox"/>	AC	5,801,297	09-01-1998	Mifsud <i>et al.</i>
<input type="checkbox"/>	AD	6,512,224 B1	01-28-2003	Miller <i>et al.</i>
<input type="checkbox"/>	AE	6,180,414 B1	01-30-2001	Katzman
<input type="checkbox"/>	AF	6,540,691 B1	04-01-2003	Phillips
<input type="checkbox"/>	AG	5,508,204	04-16-1996	Norman
<input type="checkbox"/>	AH	6,680,203 B2	01-20-2004	Dasseaux <i>et al.</i>
<input type="checkbox"/>	AI	5,420,424	05-30-1995	Carnahan <i>et al.</i>
<input type="checkbox"/>	AJ	5,455,417	10-03-1995	Sacristan
<input type="checkbox"/>	AK	5,801,379	09-01-1998	Kouznetsov
<input type="checkbox"/>	AA2	6,049,052	04-11-2000	Chutjian <i>et al.</i>
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<input type="checkbox"/>	AF2	US 2002/0134932 A1	09-26-2002	Guevremont <i>et al.</i>
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
EXAMINER Zia R. Hashmi	DATE CONSIDERED 8/24/05
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AR	Phillips, M., "Method for the Collection and Assay of Volatile Organic Compounds in Breath," <i>Analytical Biochemistry</i> , 247: 272-278 (1997).	
AS	Basile, F., "A Gas Sample Pre-concentration Device Based on Solid Phase Microextraction (SPME) and Temperature Programmed Desorption (TPD)," <i>Instrumentation Sci. Tech.</i> , 31(2): 155-164 (2003).	
AT	Phillips, M., "Breath tests in medicine," <i>Scientific American</i> , 267(1): 74-79 (1992).	
AU	Shute, L.A., <i>et al.</i> , "Curie-point Pyrolysis Mass Spectrometry Applied to Characterization and Identification of Selected <i>Bacillus</i> Species," <i>J. Gen. Microbiol.</i> , 130(Part 2): 343-355 (1984).	
AV	Wang, Z., <i>et al.</i> , "Mass Spectrometric Methods for Generation of Protein Mass Database Used for Bacterial Identification," <i>Analytical Chem.</i> , 74(13): 3174-3182 (2002).	
AW	Demirev, P.A., <i>et al.</i> , "Microorganism Identification by Mass Spectrometry and Protein Database Searches," <i>Analytical Chem.</i> , 71(14): 2732-2738 (1999).	
AX	Krishnamurthy, T., <i>et al.</i> , "Liquid Chromatography/Microspray Mass Spectrometry for Bacterial Investigations," <i>Rapid Commun. Mass Spectrom.</i> , 13: 39-49 (1999).	
AY	Fox, A., <i>et al.</i> , "Determination of Carbohydrate Profiles of <i>Bacillus anthracis</i> and <i>Bacillus cereus</i> Including Identification of O-Methyl Methylpentoses Using Gas Chromatography-Mass Spectrometry," <i>J Clin. Microbiol.</i> , 31(4): 887-894 (1993).	
AZ	Vaidyanathan, S., <i>et al.</i> , "Flow-Injection Electrospray Ionization Mass Spectrometry of Crude Cell Extracts for High-Throughput Bacterial Identification," <i>J. Am. Soc. Mass Spectrom.</i> , 13: 118-128 (2002).	
AR2	Hathout, Y., <i>et al.</i> , "Identification of <i>Bacillus</i> Spores by Matrix-Assisted Laser Desorption Ionization-Mass Spectrometry," <i>Appl. Environ Microbiol.</i> , 65(10):4313-4319 (1999).	
AS2	Demirev, P.A., <i>et al.</i> , "Tandem Mass Spectrometry of Intact Proteins for Characterization of Biomarkers From <i>Bacillus cereus</i> T Spores," <i>Analytical Chem.</i> , 73(23): 5725-5731 (2001).	
AT2	Elhanany, E., <i>et al.</i> , "Detection of Specific <i>Bacillus anthracis</i> Spore Biomarkers by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry," <i>Rapid Commun. Mass Spectrom.</i> , 15(22): 2110-2116 (2001).	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AU2	Mowry, C., et al., "Rapid Detection of Bacteria with Miniaturized Pyrolysis-Gas Chromatographic Analysis," <i>Proc. of SPIE</i> , 475: 83-90 (2001).
	AV2	Miller, R.A., et al., "A MEMS Radio-Frequency Ion Mobility Spectrometer for Chemical Agent Detection," <i>Proceedings of the 2000 SolidState Sensors and Actuators Workshop</i> , (Hilton Head, SC: June 2000).
	AW2	Riegner, D.E., et al., "Qualitative Evaluation of Field Ion Spectrometry for Chemical Warfare Agent Detection," <i>Proceedings of the ASMS Conference on Mass Spectrometry and Allied Topics</i> , pp. 473A-473B (June, 1997).(1991).
	AX2	Eiceman, G.A., et al., "Miniature radio-frequency mobility analyzer as a gas chromatographic detector for oxygen-containing volatile organic compounds, pheromones, and other insect attractants," <i>J. Chromatography</i> , 917: 205-217 (2001).
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	AZ2	Guevremont, R., and Purves, R.W., "High Field Asymmetric Waveform Ion Mobility Spectrometry-Mass Spectrometry: An Investigation of Leucine Enkephalin Ions Produced by Electrospray Ionization," <i>J. Am. Soc. Mass. Spectrom.</i> , 10: 492-501 (1999).
	AR3	Handy, R., et al., "Determination of nanomolar levels of perchlorate in water by ESI-FAIMS-MS," <i>J. Anal. At. Spectrom.</i> , 15: 907-911 (2000).
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	AT3	Guevremont, R., and Purves, R.W., "Atmospheric Pressure Ion Focusing in a High-Field Asymmetric Waveform Ion Mobility Spectrometer," <i>Review of Scientific Instruments</i> , 70(2): 1370-1383 (1999).

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete If Known		
			Application Number	10/797466	
			Filing Date	March 10, 2004	
			First Named Inventor	Raanan A. Miller	
			Art Unit	N/A	
Sheet	1	of	2	Examiner Name	Not Yet Assigned
				Attorney Docket Number	SION-P06-021

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Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
/	AA	US-2003/0052263-A1	03-20-2003	Kaufman et al.		
	AB	US-2003/0132380-A1	07-17-2003	Miller et al.		
	AC	US-6,639,212	10-28-2003	Guevremont		
	AD	US-6,653,627	11-25-2003	Guevremont		
	AE	US-6,690,004	02-10-2004	Miller et al.		
	AF	US-6,703,609	03-09-2004	Guevremont		
	AG	US-6,713,758	03-30-2004	Guevremont		
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
	BA	WO-01/69217 A2	09-20-2001	National Research Council Canada		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/	CA	Beverly, M.B. et al., "A Rapid Approach for the Detection of Dipicolinic Acid in Bacterial Spores Using Pyrolysis/Mass Spectrometry," Rapid Communications in Mass Spectrometry, Vol. 10, 455-458 (1996).	
	CB	Dworzanski, J.P. et al., "Field-Portable, Automated Pyrolysis-GC/MS System for Rapid Biomarker Detection in Aerosols: A Feasibility Study," Field Analytical Chemistry and Technology, Vol. 1, No. 5, 295-305, (1997).	
	CC	Krylov, E.V., "Comparison of the Planar and Coaxial Field Asymmetrical Waveform Ion Mobility Spectrometer (FAIMS)," International Journal of Mass Spectrometry, 225, (2003) pp. 39-51.	
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Examiner Signature	ZIA R. HASHMI		Date Considered
			8/24/05

12/16/04

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Substitute for form 1449A/B/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
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				First Named Inventor	Raanan A. Miller
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	SION-P06-021

<i>DE</i>	CE	Snyder, A.P., "Detection of the Picolinic Acid Biomarker in Bacillus Spores Using a Potentially Field-Portable Pyrolysis - Gas Chromatography - Ion Mobility Spectrometry System," Field Analytical Chemistry and Technology, Vol. 1, No. 1, pp. 49-58 (1996).	
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U.S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
B	A1	2,615,135	10/21/52	Glenn, Jr., W.E.	
	A2	3,511,986	05/12/70	P.M. Llewellyn	
	A3	3,621,240	11/15/71	Cohen, et al.	
	A4	3,931,589	01/06/76	Aisenberg, et al.	
	A5	4,025,818	05/24/77	Giguere, et al.	
	A6	4,201,921	05/06/80	McCorkle	
	A7	5,218,203	June-93	Eisele, et al.	
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B	B1	WO 97/38302	10/16/1997	Mine Safety Appliances		
	B2	SU 966583	10/15/1982	Gorshkov, M.P.		
	B3	SU 1337934A2	09/15/1987	Buryakov, I.		
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	B6	WO 01/22049A2	03/29/2001	Haley, L., et al.		
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	B9	WO 03/005016 A1	01/16/2003	Sionex Corporation		
	B10	WO 2003/015120 A1	02/20/2003	Sionex Corporation		

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<input checked="" type="checkbox"/>	C1	BARNETT, D.A. et al., "Isotope Separation Using High-Field Asymmetric Waveform Ion Mobility Spectrometry," Nuclear Instruments & Methods in Physics Research (2000), pp 179-185, 450(1).		
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	C13	RIEGNER, D.E., et al., "Qualitative Evaluation of Field Ion Spectrometry for Chemical Warfare Agent Detection," Proceedings of the ASMS Conference on Mass Spectrometry and Allied Topics, (June 1997), pp 473A-473B.		
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Examiner Signature	<i>ZIA R. HASHMI</i>	Date Considered	8/24/05
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